



Hill Farms VoIP Technology

October, 2016

Connectivity to & through the building

- ▶ Connectivity to the building:
 - ▶ Two geographically diverse fiber paths connecting to Enterprise resources
 - ▶ Bandwidth capacity ~40 Gbps to the building
 - ▶ Routes to Femrite, the Milwaukee Data Center, and central Madison
- ▶ Connectivity through the building:
 - ▶ Switches driving 10Gbps to every communications closet
 - ▶ Power over Ethernet switches in each communication closet driving 1Gbps to every wired port and Wireless Access Point (WAP)
 - ▶ Network Access Control protecting the infrastructure from unauthorized access
 - ▶ Dense WiFi supporting Guest, Staff, and Mobile networks

VoIP Options

- ▶ VoIP
 - ▶ Shared network infrastructure
 - ▶ Bypasses obsolete telephone infrastructure & costs
 - ▶ SRST/Failover options
- ▶ VoIP Options
 - ▶ Skype for business
 - ▶ On-line
 - ▶ On-Premise
 - ▶ Hosted
 - ▶ Hosted hybrid
 - ▶ Cisco (ATT UC)

Technologies, continued

▶ Teleconferencing

- ▶ Allows IP based High Definition teleconferencing between conference rooms and offices
- ▶ Integrates with our Skype for Business tools to allow groups and teams to be 'present' from remote locations (Acana - 2017)

▶ Cellular phones

- ▶ Facilities is working to boost cell signal in State office buildings

▶ Rightfax

- ▶ Faxing from/to Email, no hardware required
- ▶ Cost to send is bundled into Email costs
- ▶ Cost to receive is based on a dedicated inbound line (SIP)